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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------------|-------------|----------------------|---------------------|------------------|
| 10/565,208 | 07/17/2007 | Isabelle Attali | 017346-0190 | 9515 |
| 22428 | 7590 | 01/26/2010 | EXAMINER | |
| FOLEY AND LARDNER LLP | | | BIBBEE, CHAYCE R | |
| SUITE 500 | | | | |
| 3000 K STREET NW | | | ART UNIT | PAPER NUMBER |
| WASHINGTON, DC 20007 | | | 2617 | |
| | | | | |
| | | | MAIL DATE | DELIVERY MODE |
| | | | 01/26/2010 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/565,208 | ATTALI ET AL. | |
| | Examiner | Art Unit | |
| | CHAYCE BIBBEE | 2617 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 17 July 2007.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-24 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-3 and 14-16 is/are rejected.
 7) Claim(s) 4-13 and 17-24 is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 29 June 2006 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

| | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ . |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>01/20/2006</u> . | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| | 6) <input type="checkbox"/> Other: _____ . |

DETAILED ACTION

Information Disclosure Statement

1. The information disclosure statement (IDS) submitted on 01/20/2006 is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Priority

2. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d).

3. Claims 1-24 are presented for examination.

Claim Objections

4. Claims 4-13 and 17-24 are objected to under 37 CFR 1.75(c) as being in improper form because a multiple dependent claim cannot depend from any other multiple dependent claim. See MPEP § 608.01(n). Accordingly, the claims have not been further treated on the merits.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-3 and 14-16 are rejected under 35 U.S.C. 102(e) as being anticipated by van Valkenburg et al (U.S. Pat # 6775258) herein after referred to as Valkenburg.

Consider claims 1 and 14. Valkenburg teaches a method and system of locating communicating mobile objects in a communications network, in which, in the case of a communication being established between first (S) and second (A) communicating objects, the second of which (A) at least is mobile, in sites (Hi) through which the second object (A) is passing, repeaters (Fi) are generated communicating from one to the next within a chain which they form together, so as to relay to the second object (A) each message coming from the first object (S), characterised in that it further consists in: **(See at least col. 2 lines 53-67 and col. 3 lines 1-5 where Valkenburg discloses a Bluetooth source node and a Bluetooth destination node forming a communication path between them in an ad hoc network).**
storing in each repeater (Fi) an identifier representing the location of the next repeater (F(i+1)) or site (H(i+1)) within the chain, **(See at least col. 2 lines 53-67 and col. 3 lines 1-5 where Valkenburg discloses each device in the path has IP routing tables for mapping IP addresses to a subsequent hop address).**

allocating a timer (CTF) to each repeater (Fi) at the moment when this is generated, so that upon expiry of a selected duration, it addresses to at least one location server (SL) of the network the said location identifier of the next repeater (F(i+1)) or site (H(i+1)) in order that this is stored in the server (SL) as correspondence of a primary identifier of the second object (A). **(See at least col. 9 lines 15-30 where Valkenburg discloses a time out procedure for each entry in the routing table).**

Consider claims 2 and 15. Valkenburg teaches all of the recited limitations of claims 1 and 14. Valkenburg further teaches characterised in that a first migration counter (CM1) is allocated to the second object (A), then the value of the primary counter (CM1) is incremented by one unit upon the creation of each new repeater (Fi) in a site (Hi), and the value is compared to a selected threshold so that if this value exceeds the threshold, the second object (A) addresses to the server (SL) its own location identifier in order that this is stored as correspondence of its primary identifier, the first counter (CM1) being then reinitialised. **(See at least col. 11 lines 22-47).**

Consider claims 3 and 16. Valkenburg teaches all of the recited limitations of claims 1 and 14. Valkenburg further teaches Method according to either of claims 1 or 2, characterised in that a timer (CTA) is allocated to the second object (A) so that upon expiry of a selected duration, this addresses to the server (SL) its own location identifier in order that this is stored in the server as correspondence of its primary identifier, the timer (CTA) being then initialised so that a new count starts. **(See at least col. 9 lines**

15-30 where Valkenburg discloses a time out procedure for each entry in the routing table).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHAYCE BIBBEE whose telephone number is (571)270-7222. The examiner can normally be reached on Monday-Friday 7:30 a.m.-5:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, George Eng can be reached on 571-272-7495. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/George Eng/
Supervisory Patent Examiner, Art Unit 2617

CHAYCE BIBBEE
Examiner Art Unit 2617

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